

Tariq Alkebu-Lan

Washington, DC
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Professional Summary

- Software engineer with 5+ years of total software engineering experience
- 3+ Years as a Android Engineer
- Experience with project management tools GitLab, Asana, and Slack
- Clean and concise coder who writes well documented code as per best practices
- High level communicator, comfortable working with stakeholders, design teams, QA teams, product teams, etc.
- Expert programming skills in a major languages such as C, C++, Java, JavaScript
- Experience working with internally and externally developed projects with a large code base and excellent with Git
- Familiarity with advanced computer science concepts including design patterns and algorithms (Big Fan of Uncle Bob)
- Mastery of the Android development and hardware ecosystem, from devices to adb to the Play Store
- Exceptional analytical aptitude and attention to detail
- Management of projects from Analysis through to Testing and Deployment including TestFairy
- Experience with Android Guidelines, Certificates, Provisioning, and Play store submission
- Extensive experience in backend functionality using web RESTful/JSON web services
- Proficient Java developer with solid understanding of current design patterns and best practices including material design, conserving battery life, and more
- Experience building complex Android Apps that have been successfully delivered to customers
- Good team player who is self motivated and well organized
- A strong technical background, including hands-on native Android experience

Mobile App Experience

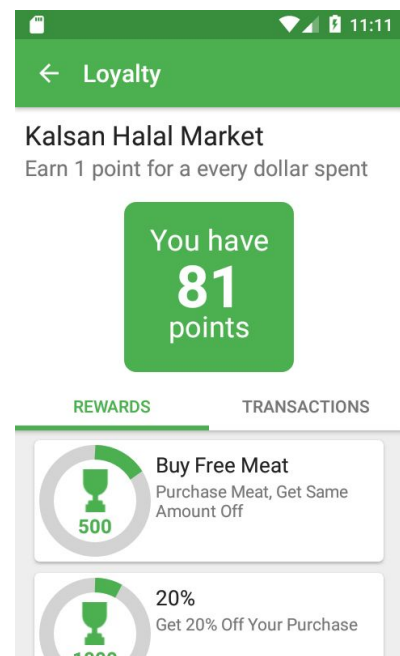
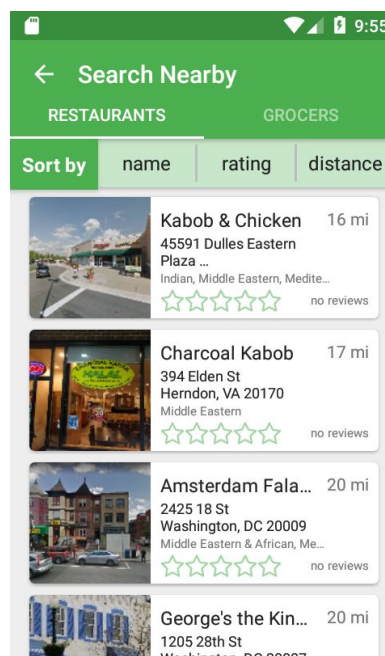
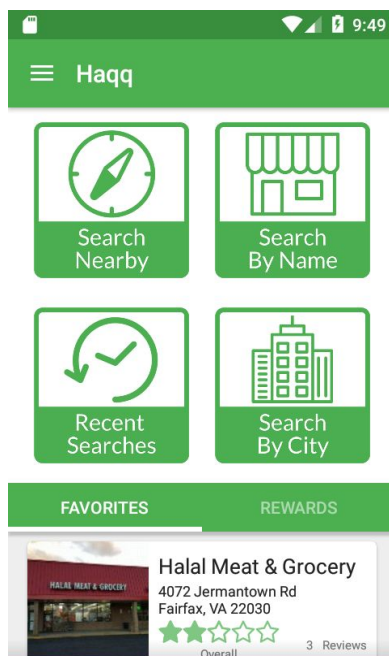
Haqq App, Android and Node.js Developer
Washington, DC

June 2016 - Present

<https://play.google.com/store/apps/details?id=com.haqqapp.haqq>

I lead development efforts in building a platform for a iOS and Android based finder app. The platform also included a third party loyalty program that grocers and restaurants to use as well via an in-store kiosk we developed as team

- Worked with team stakeholders to design user interface
- Lead in the design the of backend architecture of the platform
- Developed the backend of the app on top of the Google Cloud Platform
- Lead developer in native Android of the customer facing food finder app of the platform
- Developed enterprise managed kiosk app deployed in businesses
- Provided technical support for any technical issues that occurred during development
- Lead development of platform through the entire development lifecycle; moving from concept to product delivery

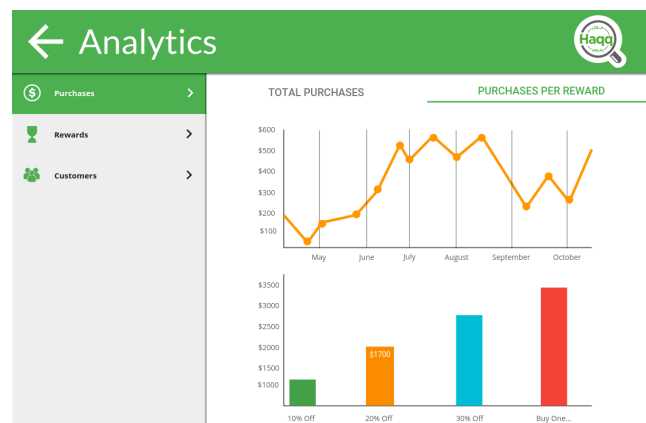
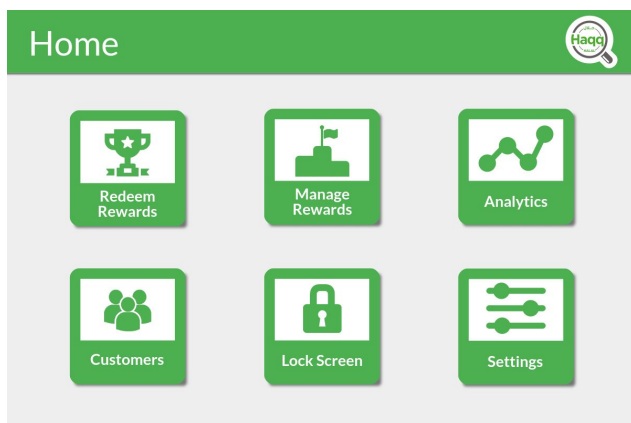


Haqq Loyalty, Android and Node.js Developer Washington, DC

August 2017 - Present

Enterprise private loyalty program kiosk app that I lead development efforts on. We installed the app onto Android managed enterprise provisioned tablets in stores to allow store owners/manager to manage, track, and redeem their loyalty programs. Customers earned points toward their purchases by enrolling in the a grocer's or restaurant's loyalty program through Haqq App.

- Worked with team stakeholders to design user interface
- Provisioned and monitored Kiosks using Android Management API
- Provided technical support for any technical issues that occurred during development and in production
- Lead development of platform through the entire development lifecycle; moving from concept to product delivery
- Used TDD principles in creating kiosk app



The Redeem Rewards screen has a green header with a back arrow and the 'Haqq' logo. It features two input fields: 'Enter customer's purchase total' with a value of '\$0.00|' and 'Enter the customers phone number' with a value of '(000)000-0000'. To the right of these fields is a numeric keypad with digits 1-9, 0, and a backspace/delete key. At the bottom left, a black box displays '28 points earned'.

The Manage Rewards screen has a green header with a back arrow and the 'Haqq' logo. On the left is a list of rewards, each showing '\$10 Off Purchase' and '100 points'. One reward is highlighted with a dark background and a timer. On the right, there are instructions: 'Select + to add a reward', 'Select EDIT to change a reward', 'Select DELETE to remove a reward', and 'Select v to see reward description'.

Additional Experience

Alkebuware, Full Stack Developer

March 2016 - Present

As a freelance consultant/developer I work with early stage start up founders to determine the value propositions, detailing functional and technical specifications, and creating high fidelity UI designs for prospective investors, and creating MVPs and delivering them to market.

- Consult with clients to derive technical requirements.
- Make use of UX/UI design principles to create products that create lasting excitement for users
- Use SOLID software design principles to create functional and technical design specifications that scale.
- Use my knowledge of web and mobile technologies to develop web and mobile apps and take them from the concept stage to product delivery.

Hughes Network Systems, Embedded Linux Developer

May 2015 - June 2016

Contributed to user space, kernel space, and custom BSP development for proprietary custom ASIC.

- Retrofitted Linux OS to allow over-the-air upgrades of our embedded devices
- Implemented VPN HW acceleration that increased satellite speeds by 50%
- Implemented UDP protocol for IoT devices to communicate with the hub side modems

Education

North Carolina Agricultural and Technical State University August 2011 - May 2015 (Completed)

Bachelors of Science - Computer Engineering (Summa Cum Laude)

Technical Skills

- **Android**
Firebase, Parse SDK, Google Vision API, ButterKnife, Google Services API, JUnit, Android Management API, Managed Google Play
- **Dart**
Flutter (cross-platform mobile app framework), AngularDart (web app framework), Aqueduct (backend server framework)
- **Web**
Javascript, JQuery, HTML5, CSS3, Dart
- **Embedded**
Device drivers, Socket Programming, TCP, UDP, Board Support Packages, C, C++, Python, Perl
- **Backend**
Google Cloud Platform, Heroku, Terraform, Docker, Linux, MongoDB, Shell Scripting, Node.js
- **VCS**

Git, ClearCase, Gitlab, Github